Missouri Crop & Livestock Reporter

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United States Department of Agriculture *cooperating with* Missouri Department of Agriculture

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"MO" News

Weather concerns now become the topic as we move into the summer growing season. Be sure to follow the USDA-NASS weekly Crop and Weather Report released every Monday at 3 p.m. CDT on our website. Stay current on the progress of the crops and the weather effects in Missouri and surrounding states to enhance your decision making. Contact this office if you have any specific data needs.

Gene Danekas,
Director

Missouri Winter Wheat Production Down 39 Percent From 2004

The **Missouri winter wheat** crop is expected to be one of the smallest in recent years, mainly due to reduced acreage," said Gene Danekas, Director, Missouri Agricultural Statistics. "Wheat harvested acreage will be the lowest for the State since 1986 and farmers' expectations have been further reduced by some thin stands and fewer heads than normal."

The State production of winter wheat is forecast at 29.4 million bushels, based on conditions as of June 1, 2005, down 39 percent from the 2004 crop and 45 percent less than 2 years ago. Yields in the State are expected to average 49 bushels per acre, 3 bushels less than last year. Harvested acres are forecast at 600,000, down 35 percent from the 2004 acreage level.

U.S. Winter Wheat Production Up 3 Percent From 2004

United States winter wheat production is forecast at 1.55 billion bushels, down 3 percent from the May 1 forecast but 3 percent above 2004. Based on June 1 conditions, the U.S. yield is forecast at 44.1 bushels per acre, down 1.3 bushels from the previous forecast. Grain area totals 35.1 million acres, unchanged from May 1. Hard Red production is down 5 percent from a month ago to 960 million bushels. Soft Red is down less than 1 percent from last month and now totals 301 million bushels. White production totals 285 million bushels, up 1 percent from last month.

Wheat yield forecasts in states adjacent to Missouri are as follows: Arkansas 50; Illinois 59; Kansas 40; Kentucky 60; Nebraska 43; Oklahoma 34 and Tennessee 48.

Winter Wheat: Area Harvested, Yield and Production by Adjacent States and United States, 2004 and Forecasted June 1, 2005

State	Area Harvested		Yield		Production	
	2004	2005	2004	2005	2004	2005
	1,000 Acres		*Bushels*		*1,000 Bushels*	
AR	620	185	53	50	32860	9250
IL	900	600	59	59	53100	35400
KS	8500	9600	37	40	314500	384000
KY	380	300	54	60	20520	18000
NE	1650	1700	37	43	61050	73100
OK	4700	4300	35	34	164500	146200
TN	280	170	49	48	13720	8160
US	34462	35069	43.5	44.1	1499434	1545971

Missouri Wheat Production and Yield by District

Area	Acres Planted		Acres Harvested		Yield		Production	
	2004	2005*	2004	2005*	2004	2005*	2004	2005*
	Thousands		*Thousands*		*Bushels per Acre*		*Thousand Bushels*	
NW	68	40	63	36	53	48	3,339	1,730
NC	88	50	82	46	50	51	4,100	2,350
NE	114	61	108	55	57	50	6,156	2,750
WC	162	73	153	67	49	45	7,497	3,020
C	115	68	101	57	48	51	4,848	2,920
EC	71	58	63	50	47	45	2,961	2,250
SW	117	108	99	90	47	47	4,653	4,240
SC	12	9	8	3	48	47	384	140
SE	303	233	253	196	57	51	14,422	10,000
STATE	**1,050**	**700**	**930**	**600**	**52**	**49**	**48,360**	**29,400**

* June 1 Forecast

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/field/pcp-bb/

Agricultural Chemical Usage
2004 Field Crops Summary

Soybeans: Eleven states were included in the 2004 survey: Arkansas, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, Ohio, and South Dakota. Phosphate was the most commonly used fertilizer on soybeans; it was applied to 26 percent of acreage in the Program States. A total of 1,095.9 million pounds of phosphate were applied to the Program State acreage. North Dakota had the highest phosphate coverage of any other state, applying phosphate to 63 percent of their planted soybean acreage. South Dakota had the second highest coverage, applying phosphate to 45 percent of their fields. All other states applied phosphate to less than 40 percent of their planted acreage. Potash was the next most frequently applied fertilizer, with 23 percent of acres planted being treated; a total of 1,733.9 million pounds were applied. Nitrogen had the smallest acreage coverage at only 21 percent of Program State acres, with 358.1 million pounds distributed.
Herbicides were applied to 97 percent of the Program State acreage though one active ingredient clearly dominated. Glyphosate was used on 87 percent of all the acres treated, 0.73 pounds of gyphosate were applied per acre per application, and 57.7 million total pounds of glyphosate were applied. The next four most widely used active ingredients were also herbicides, but their percent of acres treated were much smaller. Chlorimum-ethyl, sulfentrazone, trifluralin, and pendimethalin rounded out the top five active ingredients at 7, 6, 5, and 4 percent of acres treated, respectively.
Insecticides were used on 4 percent of the Program State acres, but individual active ingredients only covered a maximum of 1 percent of soybean Program State acreage.
Fungicides were applied to only 1 percent of the Program State acres; only the active ingredient azoxystrobin was reported.

Soybeans: Agricultural Chemical Applications, Missouri, 2004 [1/]

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	*Number*	*Pounds per Acre*	*Pounds per Acre*	*1,000 lbs*
Herbicides					
2,4-D	4	1.7	0.63	1.08	238
Chlorimuron-ethyl	7	1	0.02	0.02	8
Flumiclorac-pentyl	3	1.1	0.02	0.02	2
Glyphosate	90	1.3	0.79	1.05	4717
Glyphosate diam salt	1	1.2	0.74	0.87	42
Pendimethalin	2	1	0.92	0.92	81
Sulfentrazone	6	1.1	0.13	0.14	41
Trifluralin	2	1.2	1.08	1.26	130

1/ Planted acreage in 2004 for Missouri was 5.0 million acres.

Winter Wheat: Producers in the Program States (Colorado, Idaho, Illinois, Kansas, Michigan, Missouri, Montana, Nebraska, Ohio, Oklahoma, Oregon, South Dakota, Texas, and Washington) applied nitrogen fertilizer to 84 percent of the winter wheat planted acreage. The average number of nitrogen applications per acre was 2.0 with an average application rate of 44 pounds per acre; 2,733 million total pounds were applied. Phosphate was applied on 55 percent of the winter wheat planted acreage in the Program States; 934 million total pounds were applied. Potash was applied to 16 percent of the planted winter wheat acreage in the Program States.
In the Program States, 45 percent of the winter wheat planted acreage was treated with **herbicides**. The most widely used herbicides were metsulfuron-methyl, applied to 15 percent of the winter wheat acreage, followed by glyphosate and 2,4-D, both applied to 13 percent of the planted acreage in the States surveyed.
Insecticide applications were made to 7 percent of the winter wheat planted acres in 2004. Chlorpyrifos, the most widely used insecticide, was only applied to 3 percent of Program State acres planted.
Fungicides were applied to 2 percent of Program State acreage. No active ingredients were applied to more than 1 percent of the total Program State acreage.

Winter Wheat: Agricultural Chemical Applications, Missouri, 2004 [1/]

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	*Number*	*Pounds per Acre*	*Pounds per Acre*	*1,000 lbs*
Herbicides					
2,4-DP, Dimeth. salt	5	1	0.52	0.52	28
Metribuzin	7	1	0.54	0.54	41
Thifensulfuron	23	1	0.01	0.01	4
Tribenuron-methyl	23	1	0.007	0.007	2
Insecticides					
Lambda-cyhalothrin	8	1.1	0.02	0.02	2

1/ Planted acreage in 2004 for Missouri was 1.1 million acres.

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/other/pcu-bb/

Milk Production April 2004-2005

State	Milk Cows 1/		Milk Per Cow 2/		Milk Production 2/	
	2004	2005	2004	2005	2004	2005
	1,000 Head		Pounds		Million Pounds	
IL	108	105	1,580	1,605	171	169
IA	195	187	1,700	1,740	332	325
MO	**124**	**119**	**1,370**	**1,350**	**170**	**161**
23-State	8,063	8,107	1,636	1,679	13,194	13,612

1/ Includes dry cows, excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/dairy/pmp-bb

U.S. Dairy Production by Product, April 2005

Product	Apr 2005	Change From	
		Apr 2004	Mar 2005
	1,000 Pounds	Percent	Percent
Butter	115,467	15.1	-5.5
Cheese			
American Types 1/	331,352	1.9	-0.1
Total	763,908	0.4	-4.4
	1,000 Gallons	Percent	Percent
Frozen Products			
Ice Cream, Hard	77,691	1.1	-0.7
Ice Cream, Lowfat, Total	36,074	-9.1	-1.4
Ice Cream, Nonfat, Hard	1,602	-20.3	-4.1
Sherbet, Hard	4,911	5.3	-0.1
Frozen Yogurt, Total	5,353	-16	-10.9
	1,000 Pounds	Percent	Percent
Dry When Products			
Dry Whey, Human	83,651	-1.0	0.4
Dry Whey, Animal	6,759	-7.7	-17.5
Dry Whey, Total	90,410	-1.5	-1.2

1/ Includes Cheddar, Colby, Monterey, and Jack.

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/dairy/pdp-bb

Chicks Hatched by Commercial Hatcheries

State	April		January-April	
	2004	2005	2004	2005
	Millions			
Broiler-Type				
19 States 1/	751.7	768.1	2,980.3	3,048.1
US	774.6	789.8	3,068.9	3,132.9
Egg-Type				
US	37.5	38.3	142.1	152.0

1/ States in the weekly hatchery production estimating program.

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/poultry/pec-bb

Average Prices Received by Farmers 1/

Commodity	Unit	Missouri			U.S.
		May 2004*	Apr 2005	May 2005 2/	May 2005 2/
		Dollars			
Winter Wheat	bu.	3.83	3.22	3.10	3.13
Corn	bu.	2.99	2.03	1.90	1.92
Soybeans	bu.	9.68	6.10	6.10	6.09
Sorghum	cwt	5.26	7/	3.25	2.86
BALED HAY 2/					
All Hay	ton	69.00	56.00	58.00	107.00
Alfalfa	ton	105.00	97.00	98.00	116.00
Other	ton	52.00	44.00	45.00	76.10
ALL BEEF					
Cows 3/	cwt.	53.40	56.00	58.00	58.70
Steers & Heifers	cwt.	107.00	116.00	117.00	96.90
Cattle 4/	cwt.	93.60	102.00	102.00	92.90
Calves	cwt.	123.00	141.00	141.00	141.00
ALL HOGS					
Sows	cwt.	43.70	41.70	41.70	41.70
Barrows & Gilts	cwt.	54.70	46.10	52.40	56.10
All Hogs	cwt.	54.00	45.80	51.80	55.40
Market Eggs 2/	doz.	0.380	0.210	0.180	0.236
MILK					
Fluid Grade 5/	cwt.	19.50	15.30		14.90
Manufacturing Grade 5/	cwt.	19.00	14.60		14.20
All Milk 5/	cwt.	19.50	15.30	15.20	14.90
HOG/CORN RATIO 6/		18.06	22.56	27.26	28.85

1/ Prices received represent the average of all grades or classes at point of first sale and should not be confused with market quotations of specific grades or classes.
2/ Mid-month prices.
3/ Beef cows and cull dairy cows sold for slaughter.
4/ "Cows" and "Steers & Heifers" combined.
5/ Missouri April fat test %: all milk 3.57, fluid grade 3.57, mfg grade 3.69.
U.S. May fat test %: all milk 3.60, fluid grade 3.59, mfg grade 3.78
6/ "All Hogs" divided by "Corn" prices.
7/ Price not published to avoid disclosure of individual firms.
* Revised

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/price/pap-bb

Egg Production April 2005

State	Number of Layers on Hand 1/	Eggs per 100 for All Layers 1/	Total Eggs Produced
	1,000	Number	Million
AR	14,578	1,907	278
IA	49,038	2,249	1,103
MO	**7,328**	**2,197**	**161**
US	343,975	2,148	7,388

1/ Includes all layers and eggs produced in both table egg and hatching egg flocks regardless of size.

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/poultry/pec-bb

April Farm Labor

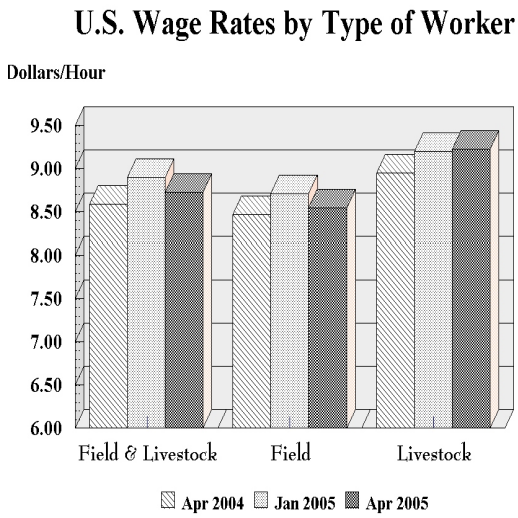
Hired Workers Down 10 Percent, Wage Rates Up 1 Percent From a Year Ago. There were 978,000 hired workers on the Nation's farms and ranches during the week of April 10-16, 2005, down 10 percent from a year ago. Of these hired workers, 746,000 workers were hired directly by farm operators. Agricultural service employees on farms and ranches made up the remaining 232,000 workers. Farm operators paid their hired workers an average wage of $9.34 per hour during the April 2005 reference week, up 11 cents from a year earlier. Field workers received an average of $8.55 per hour, up 8 cents from last April, while livestock workers earned $9.23 per hour compared with $8.95 a year earlier. The field and livestock worker combined wage rate, at $8.73 per hour, was up 14 cents from last year. The number of hours worked averaged 39.8 hours for hired workers during the survey week, down 2 percent from a year ago.

The complete NASS Report can be accessed at:
http://usda.mannlib.cornell.edu/reports/nassr/other/pfl-bb

Farm Labor: Employment and Wage Rates, Cornbelt II Region (Missouri and Iowa) April 2005, with Comparisons [1/]

ITEM	April 11-17, 2004	January 9-15, 2005	April 10-16, 2005
Farm Employment		*Thousands*	
Hired Workers	28	21	27
Hours Worked		*Hours per Week*	
Hired Workers	33.7	35.1	34.2
Farm Wage Rates		*Dollars per Hour*	
All Hired Workers	9.48	10.63	9.38
Field Workers	9.04	9.16	8.85
Livestock Workers	9.03	10.28	9.27
Combined Field & Livestock Workers	9.04	10.07	9.06

1/ Excludes Agricultural Service Workers



Look for these reports at: http://www.usda.gov/nass/pubs/pubs.htm
Cattle on Feed - June 17
Livestock Slaughter - June 24
Quarterly Hogs and Pigs - June 24
Acreage and Grain Stocks - June 30
Wheat Production - July 12